Please replace the paragraph beginning on page 46, line 8 with the following amended paragraph:

A5

--The enzyme of the present invention prepared from PC-3 culture supernatant, after being transferred to GVDF membrane (Immovilon, manufactured by Millipore) by blotting, was sequenced with an amino acid sequencer (Applied Biosystem Model 477A protein sequencer). This revealed that the said enzyme had the N-terminal amino acid sequence LVRIPLHKFT (SEQ ID NO:1), which was identical to that of Human Cathepsin D precursor as a result of homology search.--

Please replace the Sequence Listing filed April 2, 2001 located immediately after the abstract with the substitute Sequence Listing enclosed herewith.

IN THE CLAIMS:

Please amend the claims as follows:

A6

(amended)2. The enzyme that produces plasma protein fragments of claim 1 which has the following properties: (a) it has a molecular weight of about 45 kDa as measured by SDS electrophoresis under non-reduced condition; (b) it has the N-terminal amino acid sequence LVRIPLHKFT (SEQ ID NO:1); (c) it degrades plasma proteins at an acidic pH range of not more than pH 5.0 to produce plasma protein fragments having an inhibitory activity to metastasis and growth of